

ABSTRACT

Thin lubricant films are prepared on optical and magnetic substrates by applying a lubricant having at least one UV polymerizable group onto the substrate and polymerizing the lubricant by UV irradiation at elevated temperatures. Embodiments include applying a lubricant having at least two acrylate groups onto a magnetic recording disc, heating the magnetic recording disc from about 50°C to about 150°C and exposing the lubricant to UV radiation substantially free of wavelengths of 200 nm or less.

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